

METHOD OF CONNECTION TO A SPARK PLUG PRESSURE SENSOR

Abstract

The present invention provides a spark plug coil and pressure sensor
5 assembly for providing a spark to a cylinder of an internal combustion engine. The
assembly comprises a spark plug configured for mounting in a cylinder and a pressure
sensor associated with the spark plug configured to detect a pressure in the cylinder
and generate a pressure signal in response thereto. The assembly includes a first
electrically conductive ring connector configured to receive the pressure signal and a
10 housing having a main axis and having at least one electrically conductive leaf spring
member. The leaf spring member is configured to resiliently engage the first
electrically conductive ring connector over a first predetermined circumferential angle
relative to the main axis of the coil housing.

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